

**GATEWAY CITIES TRAFFIC SIGNAL SYNCHRONIZATION AND BUS  
SPEED IMPROVEMENT PROJECT  
I-5/TELEGRAPH ROAD**

**Progress Report #31  
March 16-April 11, 2003**

**TASK NO. 1: PROJECT MANAGEMENT**

- Siemens ITS staff attended a Progress Meeting with the County on April 2, 2003.
- Prepared and submitted progress report and invoice for the last period.
- Continued to update the project site with recent project status reports and project deliverable reports.
- The project web-site is available for viewing at:

<http://www.gardnersys.com/>

under “Projects”

**Upcoming work:**

Update the Web Site as needed

**TASK NO. 2: STAKEHOLDERS AND OPERATIONAL OBJECTIVES**

This task has been completed.

**TASK NO. 3: REQUIREMENTS ANALYSIS**

This task has been completed.

**TASK NO. 4: HIGH LEVEL SYSTEM DESIGN**

This task has been completed.

**TASK NO.: 5: ALTERNATIVE ANALYSIS**

- Continued work on the ATMS alternative analysis task.

**Upcoming work:**

- Revise communications alternative analysis report based on County’s comments.
- Complete and submit Draft ATMS alternative analysis report.

**TASK NO.: 6: RECOMMENDATIONS**

This task has been completed.

**Upcoming work:****TASK NO.: 7: ATMS CONCEPTUAL DESIGN REPORT**

No activity this period.

**Upcoming work:**

- Review VDS location analysis with the County.

**TASK NO.: 13: CCTV LOCATION ANALYSIS**

Submitted Draft CCTV location analysis report to the County.

**Upcoming work:**

- Revise draft CCTV location analysis report based on County's comments.

**TASK NO.: 14: INTERVIEW ADDITIONAL CITIES**

- Interviewed City of Norwalk traffic engineer
- Interviewed City of Whittier traffic engineer
- Prepared meeting minutes

**Task 15: Confirm Additional Streets**

No activity this period

**Upcoming work:**

- Revise the submitted document based on County's comments.

**Task 16: Inventory additional Streets & Revise Operational Objectives Report**

Continued work on collecting data on additional 210 intersections in the Project area.

**Upcoming work:**

- Complete inventory task, and revise the operational objectives report to include additional intersections.

**Task 17: Revised LCC Recommendations Report (Whittier, Norwalk)**

- Started work on revising the LCC Recommendations report to include the cities of Whittier and Norwalk.

**Upcoming work:**

- Complete and submit LCC Recommendations report.

**Task 18: CCTV Location Analysis for Additional Streets**

Continued analyzing the expanded area intersections for CCTV placement.

**Upcoming work:**

- Complete the analysis and submit draft CCTV analysis report expanded area to County for their review.

**Task 19: Detection Location Analysis for Additional Streets**

Started analyzing the expanded area intersections for system detection placement.

**Upcoming work:**

- Complete the analysis and submit draft system detection analysis report expanded area to County for their review.

**Task 20: Revised Communications Analysis Report & Recommendations**

- No activity this period

**Upcoming work:**

- Start communications analysis for expanded area.

**TASKS 8, 10, 11, AND 12**

Work has not yet started on these tasks.

Alan Clelland  
Project Manager

May 7, 2003

### Deliverable Status as of February 12, 2003

Task	Status	Anticipated Completion Date
<b>Task 1: Project Management</b>		
1.1 Project Coordination	On-Going	
1.2 Attend Project Meetings	On-Going	
1.3 Create and Maintain Web page	On-Going	
1.4 Prepare Project Reports	On-Going	
Travel/ODC	On-Going	
<b>Task 2: Stakeholders and Operational Objectives</b>		
2.1 Draft Operational Objectives Report	Completed	
2.2 Final Operational Objectives Report	Completed	
2.3 Individual City Reports	Completed	
<b>Task 3: Requirements Analysis</b>		
3.1.1 Draft ATMS User Requirements	Completed	
3.1.2 Final ATMS User Requirements	Completed	
3.2 ATMS Functional and Local City Control Site Requirements		
3.2.1 Draft	Completed	
3.3 Integration System User Requirements		
3.3.1 Draft	Completed	
3.3.2 Final	Completed	
3.4 Integration System Functional Requirements		
3.4.1 Draft	Completed	
3.5 Communications Requirements		
3.5.1 Draft	Completed	
3.6 Requirements Analysis Final	Completed	
<b>Task 4: High Level System Design</b>		
4.1 High Level System Design Report		
4.1.1 Draft		
4.1.1.1 System HLD Draft	Completed	
4.1.1.2 VDS Draft	Completed	
4.1.2 Final	Completed	
<b>Task 5: Alternatives Analysis and Recommendations</b>		
5.1 ATMS Analysis		
5.1.1 Draft Systems Alternatives Analysis & Recommendations		April 15, 2003
5.1.2 Final Systems Alternatives Analysis & Recommendations		May 10, 2003
5.2 Communications Analysis & Recommendations		
5.2.1 Draft		December 11, 2002
5.2.2 Final		TBD
<b>Task 6: LCC Recommendations</b>		
6.1 Draft	Completed	
6.2 Final	Completed	
<b>Notice to Proceed for Extra Work For Expanded Area</b>	<b>February 13, 2003</b>	
<b>Task 2A: Stakeholders and Operational Objectives</b>		
2.1A Draft Operational Objectives Report		April 17, 2003

Task	Status	Anticipated Completion Date
2.2 B Final Operational Objectives Report		TBD
<b>Task 5.2 A Communications Analysis &amp; Recommendations</b>		
5.2.1A Draft		May 15, 2003
5.2.2 A Final		TBD
<b>Task 13 A: CCTV Location Analysis</b>		
13.1 A: Draft		April 3, 2003
13.2 A: Final		TBD
<b>Task 5.1A: System Detection Analysis</b>		
5.1.1A: Draft		May 1, 2003
5.1.2 A Final		TBD
<b>Task 6A: LCC Recommendations</b>		
6.1A Draft		April 17, 2003
6.2A Final		TBD
<b>Task 7: Conceptual Design Report</b>		
7.1 Draft		
7.1.1 ATMS		July 15, 2003
7.1.2 Local City Control Site		July 15, 2003
7.1.3 Integration Systems		July 15, 2003
7.1.4 Communications		July 15, 2003
<b>Task 8: Operations and Maintenance Plan</b>		
8.1 Draft		August 15, 2003
8.2 Final		TBD
<b>Task 9: Technical Operational and Institutional Issues</b>		
9.1 Draft		Removed
9.2 Final		Removed
<b>Task 10: City Concurrence</b>		
10.1 Resolutions		September 15, 2003
10.2 Minutes		September 22, 2003
<b>Task 11: Final Conceptual Design Report</b>		
11.1 Draft		October 15, 2003
11.2 Final		TBD
<b>Task 12: Strategic Implementation Plan</b>		
12.1 Scope of Work		
12.1.1 Draft		November 15, 2003
12.1.2 Final		TBD
12.2 Project Budget		
12.2.1 Budget		November 15, 2003
12.2.2 Cash Flow Chart		November 15, 2003
12.3 Project Schedule		November 15, 2003
12.4 Strategic Plan Final Report		
12.4.1 Draft		December 7, 2003
12.4.2 Final		TBD
12.4.3 Executive Summary		December 15, 2003
<b>Task 13: CCTV Location Analysis (TG Road)</b>		
13.1 Draft		February 20, 2003
13.2 Final		TBD